

**DEPARTMENT OF ENERGY MANUAL 435.1-1 WASTE INCIDENTAL TO
REPROCESSING DETERMINATION FOR THE WEST VALLEY
DEMONSTRATION PROJECT CONCENTRATOR FEED MAKEUP TANK AND
MELTER FEED HOLD TANK**

For the reasons set forth in the attached *Waste Incidental to Reprocessing Evaluation for the West Valley Demonstration Project (WVDP) Concentrator Feed Makeup Tank and Melter Feed Hold Tank*, and based on consultation with the U.S. Nuclear Regulatory Commission and after consideration of public and state comments on the draft evaluation, I have determined that the concentrator feed makeup tank and the melter feed hold tank used at the WVDP in New York:

- Have been processed to remove key radionuclides to the maximum extent that is technically and economically practical;
- Will be managed to meet safety requirements comparable to the performance objectives set out in 10 CFR Part 61, Subpart C, *Performance Objectives*;
- Are in a solid physical form at a concentration that does not exceed the applicable concentration limits for Class C low-level waste as set out in 10 CFR 61.55, *Waste Classification*; and
- Will be managed as low-level radioactive waste, pursuant to the Department of Energy's (DOE) authority under the Atomic Energy Act of 1954, as amended, and in accordance with the provisions of Chapter IV of DOE Manual 435.1-1, *Radioactive Waste Management Manual*.

Accordingly, pursuant to Section II.B of DOE Manual 435.1-1, *Radioactive Waste Management Manual*, the concentrator feed makeup tank and the melter feed hold tank are not high-level waste and may be disposed of as low-level waste at either the Nevada National Security Site Area 5 Radioactive Waste Management Site or the Waste Control Specialists radioactive waste disposal facility in Texas.

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Date


Bryan C. Bower, West Valley Demonstration Project Director